

Table 20. Weather Summary, Selected U.S. Cities
(Population Weighted Heating Degree-Days¹)

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The weather for the Nation, as measured by population-weighted heating degree-days from July 1, 1998, through November 7, 1998, has been 14 percent warmer than last year and 2 percent warmer than normal.

Location	Current 07/01/98 thru 11/07/98	Previous 07/01/97 thru 11/07/97	Normal 07/01 thru 11/07	Percent Change	
				Current vs. Previous	Current vs. Normal
U.S. Total, Population-Weighted	446	516	457	-14	-2
Cities					
Albuquerque	356	372	390	-4	-9
Amarillo	346	411	353	-16	-2
Asheville	343	478	465	-28	-26
Atlanta	126	265	214	-52	-41
Billings	818	784	967	4	-15
Boise	632	614	744	3	-15
Boston	523	572	509	-9	3
Buffalo	679	807	725	-16	-6
Cheyenne	935	996	1,063	-6	-12
Chicago	484	664	633	-27	-24
Cincinnati	478	559	495	-14	-3
Cleveland	590	705	625	-16	-6
Columbia, SC	138	228	202	-39	-32
Denver	706	719	725	-2	-3
Des Moines	559	681	595	-18	-6
Detroit	575	725	696	-21	-17
Fargo	894	1,026	1,112	-13	-20
Hartford	637	661	631	-4	1
Houston	38	108	57	***	***
Jacksonville	40	66	52	***	***
Kansas City	382	506	457	-25	-16
Las Vegas	93	67	101	39	-8
Los Angeles	52	6	74	***	***
Memphis	147	274	204	-46	-28
Miami	0	0	0	***	***
Milwaukee	559	800	775	-30	-28
Minneapolis	711	858	880	-17	-19
Montgomery	102	183	135	-44	-24
New York	332	362	377	-8	-12
Oklahoma City	197	304	228	-35	-14
Omaha	487	665	603	-27	-19
Philadelphia	375	437	419	-14	-11
Phoenix	12	9	33	***	***
Pittsburgh	607	695	646	-13	-6
Portland, ME	807	901	907	-10	-11
Providence	555	592	576	-6	-4
Raleigh	297	330	272	-10	9
Richmond	333	362	341	-8	-2
St. Louis	321	443	356	-28	-10
Salem, OR	601	551	727	9	-17
Salt Lake City	652	578	617	13	6
San Francisco	438	160	428	174	2
Seattle	618	635	777	-3	-20
Shreveport	110	180	102	-39	8
Washington, DC	293	360	289	-19	1

¹See Glossary.

*** = Normal heating degree-days or less, or ratio in calculable.

Note:• The total heating degree-days for the previous heating season (July 1, 1997 - June 30, 1998) was 4,299 and the normal is 4,575. • A new method for calculating heating/cooling degree days was implemented by the Climate Analysis Center in October 1993, with further refinements implemented in November 1993. The routines incorporate 1961-1990 normals supplied by the National Climatic Data Center, and 1990 census data for calculation of population weighted degree days.